

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query        | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---------------------|---|------------------|---------|---------------------|
| S1    | 0    | kazuo-imai.inv.     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/03/29<br>21:24 |
| S2    | 333  | imai-kazuo.inv.     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/03/29<br>21:24 |
| S3    | 11   | S2 and "SOI"        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/03/29<br>21:24 |
| S4    | 148  | nakajima-sadao.inv. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/03/29<br>21:25 |
| S5    | 9    | S4 and "SOI"        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/03/29<br>21:25 |
| S6    | 779  | 438/974.ocls.       | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/03/29<br>21:27 |
| S7    | 1397 | 438/514.ocls.       | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/03/29<br>21:27 |
| S8    | 48   | S6 and "SOI"        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/03/29<br>21:27 |

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| S9  | 16  | S8 and (implant\$5 with (oxygen or "o.sub.2"))        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/29<br>21:28 |
| S10 | 25  | S6 and (implant\$5 with (oxygen or "o.sub.2"))        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/29<br>21:40 |
| S11 | 26  | S6 and (implant\$5 with (oxygen or "o.sub.2" or "o")) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/29<br>21:40 |
| S12 | 10  | S11 not S9  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/29<br>21:41 |
| S13 | 149 | S7 and (implant\$5 with (oxygen or "o.sub.2" or "o")) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/29<br>21:43 |
| S14 | 139 | morita-etsuro.inv.                                    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/30<br>03:49 |
| S15 | 0   | endo-akihiki.inv.                                     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/30<br>03:49 |
| S16 | 177 | endo-akihiko.inv.                                     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/30<br>03:49 |
| S17 | 19  | S14 and "SOI"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/30<br>03:49 |

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| S18 | 0   | p2228061  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/30<br>03:52 |
| S19 | 11  | "2228061"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/30<br>03:52 |
| S20 | 4   | "02228061"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/30<br>03:53 |
| S21 | 357 | 257/E21.32.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/30<br>03:55 |
| S22 | 114 | S21 and (implant\$5 with (oxygen or<br>"o.sub.2" or "o")) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/30<br>03:55 |
| S23 | 2   | ("6083324").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>04:00 |
| S24 | 2   | ("5374564").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/30<br>04:20 |
| S25 | 357 | 257/E21.32.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/30<br>09:25 |
| S26 | 114 | S25 and (implant\$5 with (oxygen or<br>"o.sub.2" or "o")) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/30<br>09:25 |

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| S27 | 16   | S26 and laminat\$3  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/30<br>09:25 |
| S28 | 3193 | laminat\$3 near2 wafer  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/30<br>10:42 |
| S29 | 64   | S28 and (implant\$5 with (oxygen or "o.sub.2" or "o"))  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/30<br>10:43 |
| S30 | 7    | (US-20030087503-\$).did. or (US-6312797-\$ or US-5441899-\$ or US-5966620-\$ or US-5989981-\$ or US-6083324-\$ or US-6211041-\$).did. | US-PGPUB;<br>USPAT  | OR | ON  | 2009/04/27<br>08:12 |
| S31 | 2    | S30 and laminat\$3  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/27<br>08:12 |
| S32 | 3    | S30 and (smart adj cut)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/27<br>08:34 |
| S33 | 1665 | smart adj cut   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/08/17<br>12:43 |
| S34 | 531  | S33 and (implant\$5 with (oxygen or "o.sub.2" or "o"))  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/08/17<br>12:43 |
| S35 | 4    | ("2001085649").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/08/17<br>14:32 |
| S36 | 1    | (09/926190).APP.  | USPAT; USOCR  | OR | ON  | 2010/08/17<br>14:59 |

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| S37 | 34   | ("5013681"   "5360752"   "5374581"   "5494846"   "5670411"   "5953622"   "6146979"   "6211041"   "6221738"   "6222253"   "6245161"   "6251754"   "6306730"   "6309945"   "6323108"   "6323109"   "6362076"   "6368938"   "6372609").PN. OR ("6770507").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2010/08/17<br>14:59 |
| S38 | 3    | ("2007/0161199").URPN.   | USPAT   | OR | ON  | 2010/08/17<br>15:25 |
| S39 | 3    | ("2007/0161199").URPN.   | USPAT   | OR | ON  | 2010/08/17<br>15:33 |
| S40 | 0    | (11/801461).APP.   | USPAT; USOCR  | OR | ON  | 2010/08/17<br>15:41 |
| S41 | 1849 | 438/795-799.ccls.  | USPAT; USOCR  | OR | ON  | 2010/08/17<br>15:44 |
| S42 | 4916 | 438/528,458,459,706,795.ccls.  | USPAT; USOCR  | OR | ON  | 2010/08/17<br>15:44 |
| S43 | 466  | S42 and (implant\$5 with (oxygen or "o.sub.2" or "o"))   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/08/17<br>15:44 |
| S44 | 93   | S41 and (implant\$5 with (oxygen or "o.sub.2" or "o"))   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/08/17<br>15:45 |
| S45 | 1521 | 438/459.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/08/17<br>15:45 |
| S46 | 247  | S45 and (implant\$5 with (oxygen or "o.sub.2" or "o"))   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/08/17<br>15:45 |
| S47 | 2    | ("20050014346").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/08/23<br>15:03 |
| S48 | 1    | (grinding near2 active near2 layer near2 wafer near2 portion).clm.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/08/23<br>15:14 |

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| S49 | 0  | (reducing near2 oxygen near2 in near2 vicinity near2 of near2 surface near2 layer).dm.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/08/23<br>15:14 |
| S50 | 13 | (oxygen near2 ion near2 implanted near2 layer near34 active near2 layer near2 wafer).dm. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/08/23<br>15:15 |
| S51 | 0  | ("2009/0258475").URPN.   | USPAT   | OR | ON  | 2010/08/23<br>15:16 |
| S52 | 0  | (12/384819).APP.   | USPAT; USOCR  | OR | ON  | 2010/08/23<br>15:16 |
| S53 | 57 | "5849627"  | USPAT; USOCR  | OR | ON  | 2010/08/23<br>15:30 |
| S54 | 2  | ("5849627").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/08/23<br>15:30 |

**EAST Search History (Interference)**

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**8/ 24/ 2010 11:36:13 AM****C:\Documents and Settings\cchan1\My Documents\EAST\Workspaces\10587725.wsp**